



Protect Your Equipment



The Fuel Polishing Buggy 500



Keeping your diesel fuel free from water and other contamination is fundamental to ensuring the life of the engine in your equipment.

Diesel fuel, when bulk stored for extended periods, can easily become contaminated with any number of foreign bodies from water and dirt to airborne microbes – many oil companies now recommend that stored diesel fuel is cleaned on a regular basis.



The DS Activity Fuel Buggy 500 removes water and solid contamination ensuring your fuel remains 'clean and dry'.

How good is the quality of the fuel being used in your equipment?

If you are hiring out generators, pumps or plant, can you be sure of the condition of the fuel going into your equipment? Is your hire fleet being returned to you with contaminated fuel? Are you storing fuel which could become tainted?

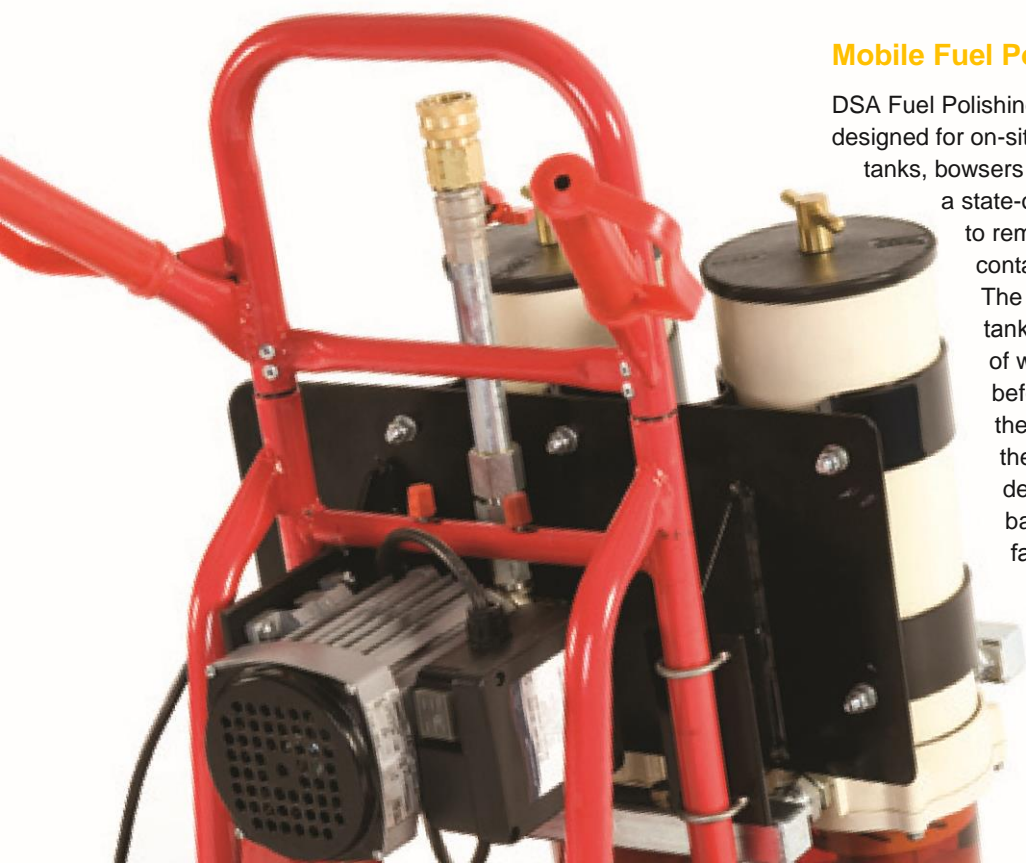
Poor fuel storage, bad fuel transfer and housekeeping practices, or simple human error, can easily result in water, sand, grit, rust etc in fuel, all of these can harm your engine. If poor quality fuel is going into your generators, pumps, boats, tractors or mowers, the engines that power them could be at risk and you could end up with expensive repairs and downtime. By regularly polishing your fuel you maintain its quality by removing the water and particles that are harmful to engines and fuel systems.



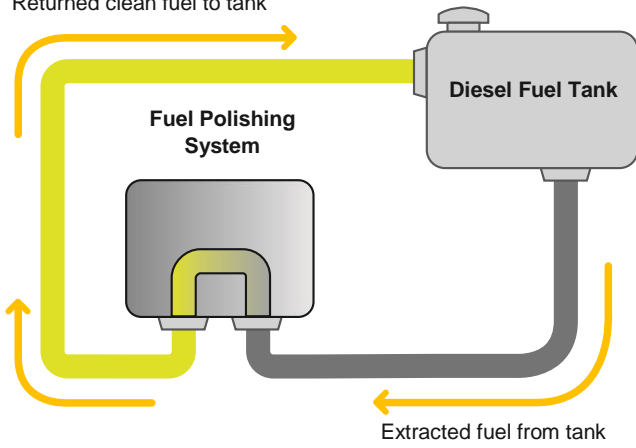
Mobile Fuel Polishing Buggies

DSA Fuel Polishing Buggies are lightweight mobile units designed for on-site cleaning of diesel fuel being held in tanks, bowsers and drums. The buggy incorporates a state-of-the-art fuel filter/separator element to remove potentially damaging particulate contamination and water from the diesel. The diesel fuel is pumped from the storage tank and 'polished' removing virtually 100% of water and all particles down to 10 micron before returning back to the tank, eliminating the expense of totally removing or replacing the fuel. The Fuel Polishing Buggy 500 is designed to be easily transported in the back of a van or works vehicle, to provide fast efficient 'polishing' in any location.

The pump flow rate and filtration capacity makes it perfect for cleaning fuel in tanks holding up to 500 litres.



Returned clean fuel to tank



Major benefits of DSA mobile fuel polishing:

Lightweight and easily moved from location to location

Filters fuel quickly with a high flow rate

Easy to use and 'foolproof' in functionality

Easily and tidily stored when not in use

Reliable and consistent fuel filtration to prevent engine failure

Reduction in down time and associated call-out charges

Save money by avoiding wastage of contaminated fuel

Standard unit comes with a 10-micron filter

Replacement filter elements are available in 2, 10 and 30 microns



Other products from DS Activity Fuel Conditioning:

Predator™ 8000 fuel biocide

Predator 8000 is a broad spectrum fuel biocide suitable for treatment and prevention of microbial growth in fuel tanks and systems. Suitable for diesel (including bio-diesel blends), FAME, Gas Oil and Residual Fuel Oils.



Diesel Defence fuel polishing systems

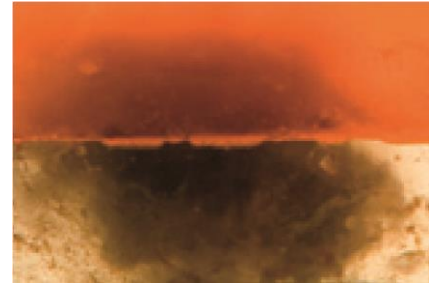
Diesel Defence static skid or 'on tank' mounted fuel polishing systems are also available from DSA to preserve fuel quality in large fixed fuel storage tanks. These fuel polishing units function on a 'stand alone' basis, can be set to run to a 7 day timer and are ideal for keeping fuel 'clean and dry' in unmanned facilities such as standby generator sets, diesel fire pumps etc. We can even design and manufacture bespoke systems specific to your requirements.



What customers say

“ We use the fuel buggies to clean the fuel in our fleet of rental generator sets when they return from hire at our customers. We have made considerable savings by re-using fuel that would previously have been disposed of and, by ensuring that only clean, dry fuel is used in our generator fleet, we are improving reliability and reducing unscheduled maintenance and breakdowns.”

Brian Cosheril
National Service Manager, Progress Group



Fuel polishing FAQ's

What is fuel polishing? Fuel polishing is the process of removing water and particulates from fuel to ensure that the fuel quality remains in-line with fuel specifications. Ideally, fuel should have an ISO particle code of 18/16/13 and a dissolved water content no greater than 200 parts per million. There should be no free or emulsified water present.

How often should fuel be polished? If you have standing fuel, and if no 'on tank' fuel polishing system is fitted, then it's recommended that fuel should be polished every 6 months. When doing so, where fuel is being drawn from and returned to the same tank, the entire volume of the fuel should be run through the polishing system 4 or 5 times to ensure that all contamination is removed. If transferring fuel to another holding tank, one pass through the polishing system is sufficient.

Will fuel polishing remove all fuel tank contamination? Fuel polishing will remove free and emulsified water as well as solid particles (size dependent upon the filter element being used). If there is microbial contamination in the tank any free-floating biomass will be removed. However, if the tank is badly contaminated and a biofilm has formed – a biofilm is a colony of microbes that have adhered to the tank surfaces – fuel polishing may be only partially effective. In such instances tank cleaning will be required.

Are fuel polishing systems suitable for tank cleaning? Generally, no. Fuel polishing is designed to maintain the quality of fuel by removing free floating contaminants and emulsified and free water. As mentioned above, fuel tanks can become contaminated by biofilms which cannot be removed by fuel polishing alone. Where a light biofilm is established this can be killed with the application of fuel biocide, where a heavy biofilm is established or there is a heavy layer of sludge in the tank bottom, tank cleaning using abrasive techniques or jetting could be required. Where a biocide is used, ALWAYS cycle the fuel through a fuel polishing system as the biocide will have killed the contamination and could have dislodged chunks of biomass which could block on engine filters.

Model specification

The standard DS Activity Fuel Polishing Buggy 500 comes with a nominal flow rate of 8 to 10 litres per minute. It uses standard 240V supply and has a power requirement of 250W. Standard filtration is 10 micron, although other filter options are available. The dry weight of the unit is 34kg (not including hoses).



Siège :

DS Activity S.A.
Rue du Roua, 70
B-4140 Sprimont - BELGIUM

Contacts :

Tél.: +32 (0)4/285 89 65
Fax: +32 (04)/367 16 66
info@diesel-service.be

N° entreprise : BE (0)665 656 065
IBAN: BE04 7320 4161 1031
Swift: CREGBEBB